

- Action of

Fig. 2

Quantization step	1	2	3	4	5	9	7	∞	10	12	14	16	18	2 3 4 5 6 7 8 10 12 14 16 18 20 22 3	22	24
Basic quantization step	1	2	3	4	'n	9	7	∞	S	9	7	16	22	6 7 8 5 6 7 16 18 20 22	22	24
Multiplier factor	1	1	-		-		П	1	2	2	2	-	-	1 2 2 2 1 1 1	1	-
Quantization step	28	32	36	40	44	48	52	99	64	22	8	88	96	28 32 36 40 44 48 52 56 64 72 80 88 96 104 112	112	

]				1		1	1	1	1	1			1	1	7
Quantization step	28	32	36	40	4	48	52	99	64	72	98	88	96	36 40 44 48 52 56 64 72 80 88 96 104 112	112	
Basic quantization step	28	16	28 16 18 20 22 24	8	23	24	52	28	16	18	92	22	42	28 16 18 20 22 24 52	28	
Multiplier factor	-	2	2 2 2	2	7	2	1	2	4	4	4	4	4	2 2 1 2 4 4 4 4 4 2	4	

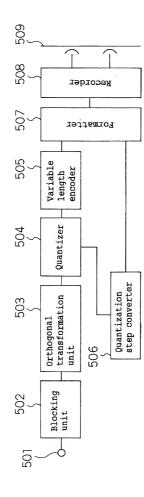
Б. 13.

Basic quantization step	₩	7	n	4	4 5 6 7 8	9	7	∞	16	18	28	22	77	8 16 18 20 22 24 28 52	52
Quantization number	-1	7	т	4	S	9	7	∞	6	7 8 9 10	11	11 12 13 14	13	14	15

Fig A

Multiplier factor	1	7	4	
Multiplier factor information	0		2	

Fig. 5



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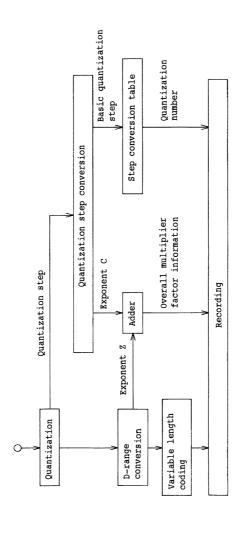


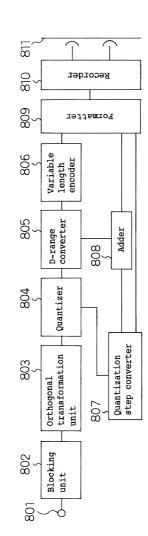
Fig. 7 (a)

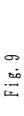
Input signal (12 bits): s b11 b10 b9 b8 b7 b6 b5 b4 b3 b2 b1

Fig. 7 (b)

D-range	no	Output signal (9 bits	Si	gne	17	1 6	its	<u></u>		Multipli- er factor
0 ~ 255	οz	s b8 b7 b6 b5 b4 b3 b2 b1	b7	99	55	42	b3	b2	P1	20
256 ~ 511	so.	s b9 b8 b7 b6 b5 b4 b3 b2	82	P2	9g	b5	72	p3	b2	21
512 ~1023	so	s b10 b9 b8 b7 b6 b5 b4 b3	69	99	Ъ7	9q	b5	74	ь3	22
1024 ~ 2047	so	s b11 b10 b9 b8 b7 b6 b5 b4	b10	6q	P8	b7	99	b 5	p4	23

Fig. 8





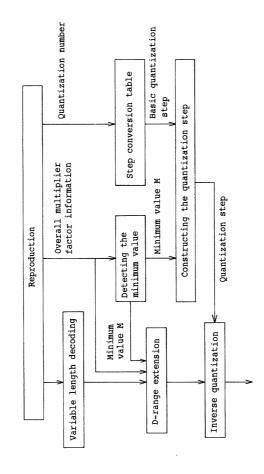


Fig. 10

